

Summary of Monthly Normals
1981-2010

Generated on 04/28/2024

Current Location: Elev: 1931 ft. Lat: 36.8002° N Lon: 99.6399° W
Station: **BUFFALO, OK US USC00341243**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	47.3	20.8	34.1	5.3	3.2	3.9	-7777	-7777	-7777	0	0	0	650	711	804	959	0.0	0.0	14.6	4.7	27.5	0.6
02	52.3	24.5	38.4	6.4	4.0	4.6	6	3	1	-7777	0	0	471	524	606	745	0.0	0.0	16.4	2.9	21.7	0.8
03	60.8	32.2	46.5	4.1	3.7	3.4	37	25	13	3	-7777	-7777	301	351	432	576	0.0	-7777	24.4	0.9	15.9	-7777
04	70.1	41.9	56.0	5.0	3.3	4.0	139	109	74	35	14	10	109	139	193	305	0.1	1.4	28.0	0.0	4.8	0.0
05	79.0	53.0	66.0	3.6	2.5	2.9	353	298	223	121	54	36	12	19	37	90	0.4	4.3	30.8	0.0	0.1	0.0
06	88.4	63.6	76.0	4.3	2.6	3.4	630	570	481	336	204	158	-7777	-7777	1	6	2.6	13.2	30.0	0.0	0.0	0.0
07	94.3	68.2	81.3	3.2	2.1	2.4	814	752	659	504	352	293	0	-7777	-7777	1	6.8	23.1	31.0	0.0	0.0	0.0
08	93.6	67.2	80.4	3.7	2.0	2.6	787	725	632	479	329	272	0	-7777	-7777	1	7.6	22.1	31.0	0.0	0.0	0.0
09	84.8	58.1	71.4	3.9	2.8	2.9	499	442	359	233	131	98	5	8	15	39	1.4	10.1	29.9	0.0	0.1	0.0
10	72.0	45.0	58.5	3.6	2.2	2.4	182	145	98	43	14	9	74	99	145	245	0.0	1.1	29.9	0.1	2.9	0.0
11	58.9	31.9	45.4	5.4	3.3	3.9	28	18	9	2	-7777	-7777	316	366	447	590	0.0	-7777	22.7	0.4	15.6	0.0
12	47.0	22.0	34.5	5.0	3.9	4.1	1	1	-7777	0	0	0	636	698	790	945	0.0	0.0	14.3	4.3	27.1	0.8
Summary	70.7	44.0	57.4	4.5	3.0	3.4	3476	3088	2549	1756	1098	876	2574	2915	3470	4502	18.9	75.3	303.0	13.3	115.7	2.2

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	0.66	2.2	1.5	0.3	0.1	0.19	0.50	0.95	
02	1.00	3.5	2.1	0.6	0.2	0.13	0.69	1.33	
03	1.81	5.4	4.2	1.1	0.6	0.95	1.26	2.62	
04	2.21	5.6	4.1	1.3	0.6	1.07	1.80	3.10	
05	3.63	7.2	5.5	1.9	1.0	1.93	3.24	4.37	
06	4.08	7.6	6.2	2.7	1.3	1.82	3.70	5.20	
07	2.06	5.3	4.5	1.5	0.6	1.00	1.91	3.10	
08	2.84	6.5	5.0	2.0	0.9	1.07	2.69	4.04	
09	2.09	5.4	3.6	1.4	0.6	0.56	1.86	3.40	
10	2.14	5.3	3.7	1.4	0.6	0.42	1.47	3.78	
11	1.22	3.2	2.4	0.5	0.2	0.20	0.69	1.40	
12	0.95	3.1	2.1	0.4	0.2	0.13	0.60	1.30	
Summary	24.69	60.3	44.9	15.1	6.9	9.47	20.41	34.59	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	2.1	1.0	0.8	0.3	0.1	0.0	1.1	0.6	0.4	0.0	0.0	1.0	2.0
02	3.7	1.4	1.2	0.6	0.2	0.0	1.6	0.9	0.3	0.0	0.0	0.0	6.0
03	2.0	0.6	0.5	0.4	0.2	0.0	0.2	-7777	0.0	0.0	0.0	0.0	2.0
04	0.2	0.1	0.1	-7777	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.8	0.4	0.4	0.2	0.1	-7777	0.4	0.1	0.1	-7777	0.0	0.0	3.0
12	3.5	1.3	1.1	0.5	0.1	-7777	2.0	0.7	0.1	-7777	0.0	2.5	5.2
Summary	13.3	4.8	4.1	2.0	0.7	0.0	5.4	2.3	0.9	0.0	0.0	3.5	18.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	53	104	259	486	806	1080	1279	1252	943	578	219	49
45	18	50	159	351	651	930	1124	1097	794	431	129	16
50	5	20	84	233	499	780	969	942	645	297	65	5
55	-7777	6	37	139	353	630	814	787	499	182	28	1
60	-7777	1	13	74	223	481	659	632	359	98	9	-7777
Growing Degree Units for Corn (Monthly)												
50/86	65	101	200	322	509	709	830	807	607	372	166	60

Growing Degree Units (Accumulated Monthly)												
40	53	157	416	902	1708	2788	4067	5319	6262	6840	7059	7108
45	18	68	227	578	1229	2159	3283	4380	5174	5605	5734	5750
50	5	25	109	342	841	1621	2590	3532	4177	4474	4539	4544
55	0	6	43	182	535	1165	1979	2766	3265	3447	3475	3476
60	0	1	14	88	311	792	1451	2083	2442	2540	2549	2549
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	65	166	366	688	1197	1906	2736	3543	4150	4522	4688	4748

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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